

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10551649
	Filing Date	2005-09-29
	First Named Inventor	Yechezkel BARENHOLZ et al.
	Art Unit	4121
	Examiner Name	Isaac Shomer
Attorney Docket Number		BARENHOLZ9A

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5885613		1999-03-23	HOLLAND et al.	
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	1	94/07466	WO	A1	1994-04-14	LIPOSOME TECHNOLOGY, INC.		<input type="checkbox"/>
	2	03/000232	WO	A2	2003-01-03	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW		<input type="checkbox"/>

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	3	03/000227	WO	A2	2003-01-03	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW	<input type="checkbox"/>
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	1	ISRAELACHVILI et al., "Physical Principles of Membrane Organization", QUARTERLY REVIEWS OF BIOPHYSICS, Vol. 13, No. 2, pages 121-200 (1980)	<input type="checkbox"/>
	2	LIGHTENBERG, Dov, "Liposomes: Preparation, Characterization, and Preservation", METHODS OF BIOCHEMICAL ANALYSIS, Vol. 33, pages 337-462 (1988)	<input type="checkbox"/>
	3	KUMAR, V., "Complementary Molecular Shapes and Additivity of the Packing Parameter of Lipids", PROC NATL ACAD SCI USA, Vol. 88, pages 444-448 (1991)	<input type="checkbox"/>
	4	ISRAELACHVILI et al., "Chapter 16: Thermodynamic Principles of Self-Assembly", INTERMOLECULAR SURFACE AND FORCES, pages 341-364	<input type="checkbox"/>
	5	SEDDON, John M., "An Inverse Face-Centered Cubic Phase Formed by Diacylglycerol-Phosphatidylcholine Mixtures", BIOCHEMISTRY, Vol. 29, pages 7997-8002 (1990)	<input type="checkbox"/>
	6	LOFGREN et al., "Molecular Arrangements of Sphingolipids. The Monolayer Behaviour of Ceramides", CHEMISTRY AND PHYSICS OF LIPIDS, Vol. 20, pages 273-284 (1977)	<input type="checkbox"/>
	7	CARRER et al., "Transduction to Self-Assembly of Molecular Geometry and Local Interactions in Mixtures of Ceramides and Ganglioside GM1", BIOCHIMICA ET BIOPHYSICA ACTA, Vol. 1514, pages 87-99 (2001)	<input type="checkbox"/>
	8	MIMEAULT, Murielle, "New Advances on Structural and Biological Functions of Ceramide in Apoptotic/Necrotic cell Death and Cancer", FEDERATION OF EUROPEAN BIOCHEMICAL SOCIETIES Letter, Vol. 530, pages 9-16 (2002)	<input type="checkbox"/>

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9	SALDEEN et al., "Liposome-Mediated Transfer of IL-1 Receptor Antagonist Gene to Dispersed Islet Cells Does Not Prevent Recurrence of Disease in Syngeneically Transplanted NOD Mice", CYTOKINE, Vol. 12, No. 4, pages 405-408 (2000)	<input type="checkbox"/>
10	VENTO et al., "Induction of Programmed Cell Death in Human Retinoblastoma Y79 Cells by C2-ceramide", MOLECULAR AND CELLULAR BIOCHEMISTRY, Vol. 185, pages 7-15 (1998)	<input type="checkbox"/>
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12	WYLLIE et al., "Cell Death: The Significance of Apoptosis", INTERNATIONAL REVIEW OF CYTOLOGY, Vol. 68, pages 251-281	<input type="checkbox"/>
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15	MUELLER et al., "The Dual Role of Mutant p53 Protein in Chemosensitivity of Human Cancers", ANTICANCER RESEARCH, Vol. 16, pages 3845-3848 (1996)	<input type="checkbox"/>
16	SENCHENKOV et al., "Targeting Ceramide Metabolism-a Strategy for Overcoming Drug Resistance", JOURNAL OF THE NATIONAL CANCER INSTITUTE, Vol. 93, No. 5, pages 347-357 (2001)	<input type="checkbox"/>
17	CAI et al., "Alteration of the Sphingomyelin/Ceramide Pathway is Associated with Resistance of Human Breast Carcinoma MCF7 Cells to Tumor Necrosis Factor- α -mediated Cytotoxicity", THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 272, No. 11, pages 6918-6926 (1997)	<input type="checkbox"/>
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20	CHARLES et al., "Integrative Physiology: Ceramide-Coated Balloon Catheters Limit Neointimal Hyperplasia After Stretch Injury in Carotid Arteries", CIRCULATION RESEARCH: JOURNAL OF THE AMERICAN HEART ASSOCIATION, Vol. 87, pages 282-288 (2000)	<input type="checkbox"/>
21	LAVIE et al. "Accumulation of Glycosylceramides in Multidrug-Resistant Cancer Cells", THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 271, No. 32, pages 19530-19536 (1996)	<input type="checkbox"/>
22	ENDO et al., "Cell Membrane Signaling as Target in Cancer Inhibitory Effect of N,N-Dimethyl and N,N,N-Trimethyl Sphingosine Derivatives on In Vivo and In Vivo Growth of Human Tumor Cells in Nude Mice", CANCER RESEARCH 51, pages 1613-1618, Vol. 51 (1991)	<input type="checkbox"/>
23	KUMAR, V., "Complementary Molecular Shapes and Additivity of the Packing Parameter of Lipids", PROC. NATL. ACAD. SCI. USA, Vol. 88, pages 444-448 (1991)	<input type="checkbox"/>
24	ZHANG et al., "Sphingosine Stimulates Cellular Proliferation via a Protein Kinase C-independent Pathway", THE JOURNAL OF BIOLOGICAL CHEMISTRY, Vol. 265, No. 1, pages 76-81 (1990)	<input type="checkbox"/>
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27	GREGORIADIS, Gregory, "Liposomes Preparation and Related Techniques", LIPOSOMES TECHNOLOGY 2nd Edition, Volume I, pages 530-617 (1993)	<input type="checkbox"/>
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31	EGGERS et al., "Ultrasonic Measurements with Milliliter Liquid Samples in the 0.5-100 MHz Range", Rev. Sci. Instrum., Vol. 44, No. 8, pages 969-977 (1973)	<input type="checkbox"/>
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35	REID et al., "Combined Hoechst 33342 and Merocyanine 540 Staining to Examine Murine B Cell Cycle Stage, Viability and Apoptosis", JOURNAL OF IMMUNOLOGICAL METHODS, Vol. 192, pages 43-54 (1996)	<input type="checkbox"/>
36	JOUVET et al., "Branched Chain Amino Acids Induce Apoptosis in Neural Cells Without Mitochondrial Membrane Depolarization or Cytochrome c Release: Implications for Neurological Impairment Associated with Maple Syrup Urine Disease", MOLECULAR BIOLOGY OF THE CELL, Vol. 11, pages 1919-1932 (2000)	<input type="checkbox"/>
37	GAVRIELI et al., "Identification of Programmed Cell Death in situ via Specific Labeling of Nuclear DNA Fragmentation", THE JOURNAL OF CELL BIOLOGY, Vol. 119, No. 3, pages 493-501, (1992)	<input type="checkbox"/>
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40	THORNBERRY et al., "Caspases: Enemies Within", SCIENCE, Vol. 281, pages 1312-1316 (1998)	<input type="checkbox"/>
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42	CIESIELSKA et al., "DNA Damage and Apoptosis Induction in L1210 Cells by Cis-diamminedichloroplatinum (ii) and its New Aminoflavone Analogue", CELLULAR & MOLECULAR BIOLOGY LETTERS, Vol. 5, pages 441-450 (2000)	<input type="checkbox"/>
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45	GABIZON et al., "Pharmacokinetics of Pegylated Liposomal Doxorubicin", CLIN. PHARMACOKINET., Vol. 42, No. 5, pages 419-436 (2003)	<input type="checkbox"/>
46	ALLEN et al., "Liposomes Containing Synthetic Lipid Derivatives of Poly(ethylene glycol) show Prolonged Circulation Half-lives in Vivo", BIOCHIMICA ET BIOPHYSICA ACTA, Vol. 1066, pages 29-36 (1991) XP 000672933	<input type="checkbox"/>
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51	GABIZON et al., "Prolonged Circulation Time and Enhanced Accumulation in Malignant Exudates of Doxorubicin Encapsulated in Polyethylkene-glycol Coated Liposomes, CANCER RESEARCH, Vol. 54, pages 987-992 (1994)	<input type="checkbox"/>
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